

Patient Name : **MR. DEMO**

Ref. No. : **28**



Age & Sex : 14 Yrs | Male

Collection Date : 01-01-2023 1:03PM

Contact No : 7894561235

Reporting Date : 03-01-2023 1:11PM

Address :

Referred By : Dr Abhishek (MS MCH)

Test Name	Results	Units	Reference range
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BIOCHEMISTRY

LFT(LIVER FUNCTION TEST)

SERUM BILIRUBIN(TOTAL) <i>Method: DIAZO METHOD</i>	1.1	mg/dL	0.2 - 1.2
SERUM BILIRUBIN(DIRECT) <i>Method: DIAZO METHOD</i>	0.2	mg/dL	0.0 - 0.2
SERUM BILIRUBIN(INDIRECT) <i>Method:- Calculated</i>	▲ 0.9	mg/dL	0 - 0.8
Aspartate Transaminase (AST/SGOT) <i>Method: IFCC METHOD</i>	46	U/L	0 - 50
Aspartate Transaminase (ALT/SGPT) <i>Method: IFCC METHOD</i>	43.6	U/L	0 - 45
Alkaline Phosphatase <i>Method: TRIS CARBONATE BUFFER, KINETIC</i>	69	mg/dL	30-130
Total Protein <i>Method: BIURET</i>	7.5	g/dL	6.4-8.2
Albumin <i>Method: BROMOCRESOL GREEN</i>	3.4	g/dL	3.4-5
Globulin <i>Method: BROMOCRESOL GREEN</i>	▲ 4.1	g/dL	1.9-3.9
A/G ratio <i>Method: KINETIC</i>	▼ 0.83	-	1.0 - 2.0

Method : Automated Spectrophotometry based Assay.

Note

1. In an asymptomatic patient, Non alcoholic fatty liver disease (NAFLD) is the most common cause of increased AST, ALT levels. NAFLD is considered as hepatic manifestation of metabolic syndrome.
2. In most type of liver disease, ALT activity is higher than that of AST; exception may be seen in Alcoholic Hepatitis, Hepatic Cirrhosis, and Liver neoplasia. In a patient with Chronic liver disease, AST:ALT ratio>1 is highly suggestive of advanced liver fibrosis.
3. In known cases of Chronic Liver disease due to Viral Hepatitis B & C, Alcoholic liver disease or NAFLD, Enhanced liver fibrosis (ELF) test may be used to evaluate liver fibrosis.
4. In a patient with Chronic Liver disease, AFP and Des-gamma carboxyprothrombin (DCP)/PIVKA II can be used to assess risk for development of Hepatocellular Carcinoma.

----- End of report -----

Lab Incharge
Naman Modi



Consultant Pathologist
Dr. M.K. Singh (Path.)

Note: Pathological Test have technical limitations. For any disparity repeated examination are required. No legal liability is accepted. Clinical correlation is also requested.